

## CLAIMS

1. (original) A method for producing an essential oil emulsion, characterized in that the method comprises stirring an essential oil at a rotation number between 3,000 and 20,000 rpm in an alkaline solution with a pH value between 9 and 13, to produce an emulsion.
2. (original) The method for producing an essential oil emulsion according to claim 1, wherein the alkaline solution is either an aqueous solution of a basic compound that is dissolved in water to generate hydroxide ions ( $\text{OH}^-$ ), or an alkaline ionized water generated on the cathode side when an electrolyte solution containing an electrolyte is decomposed by electrical energy.
3. (original) The method for producing an essential oil emulsion according to claim 2, wherein the aqueous solution of a basic compound has a base concentration between 0.00001 N and 0.1 N and a pH value between 9 and 13.
4. (original) The method for producing an essential oil emulsion according to claim 2, wherein the alkaline ionized water has a pH value between 9.5 and 12.5.
5. (currently amended) The method for producing an essential oil emulsion according to claim 2 [[or 4]], wherein when the ionized alkaline water is generated via electrolysis, a ceramic produced from a soil containing minerals is used as a diaphragm for separating the cathode side from the anode side, so that the alkaline ionized water contains ionized minerals.
6. (new) The method for producing an essential oil emulsion according to claim 4, wherein when the ionized alkaline water is generated via electrolysis, a ceramic produced from a soil containing minerals is used as a diaphragm for separating the cathode side from the anode side, so that the alkaline ionized water contains ionized minerals.